

IN THE DRAWINGS

Please find marked-up and corrected Figures 1 and 2 which it is believed overcome the Examiner's objections. The Examiner is respectfully requested to Approve the changes.

As for Figs. 9 and 10, they demonstrate that the Thick Oxide Result is greatly different from any of the other results. The specifics of the other lines is not important other than that they greatly differ from the Thick Oxide case. Applicant suggests that all lines other than the Thick Oxide Line be identified as "OTHER THAN THICK OXIDE" and requests Figs. 9 & 10 be Amended to so indicate.

It is not understood what troublesome about Figures 5 - 8. Perhaps Photocopy quality was not good? I am enclosing additional copies of Figures 5 - 8. Should additional change be required please advise. However, Applicant respectfully requests that we live with the existing drawings, if at all possible.

Experimental Data

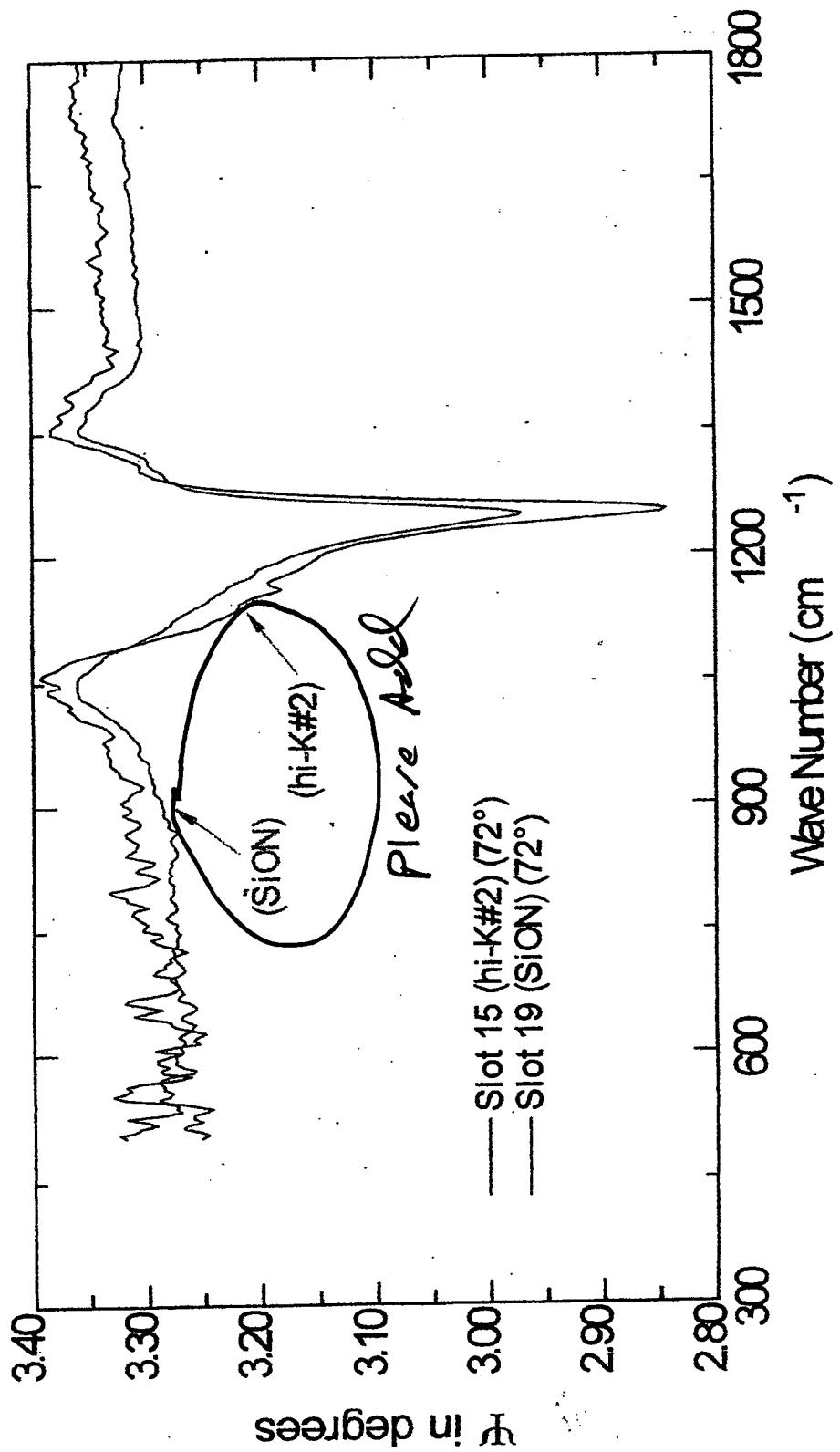


FIG. I

Experimental Data

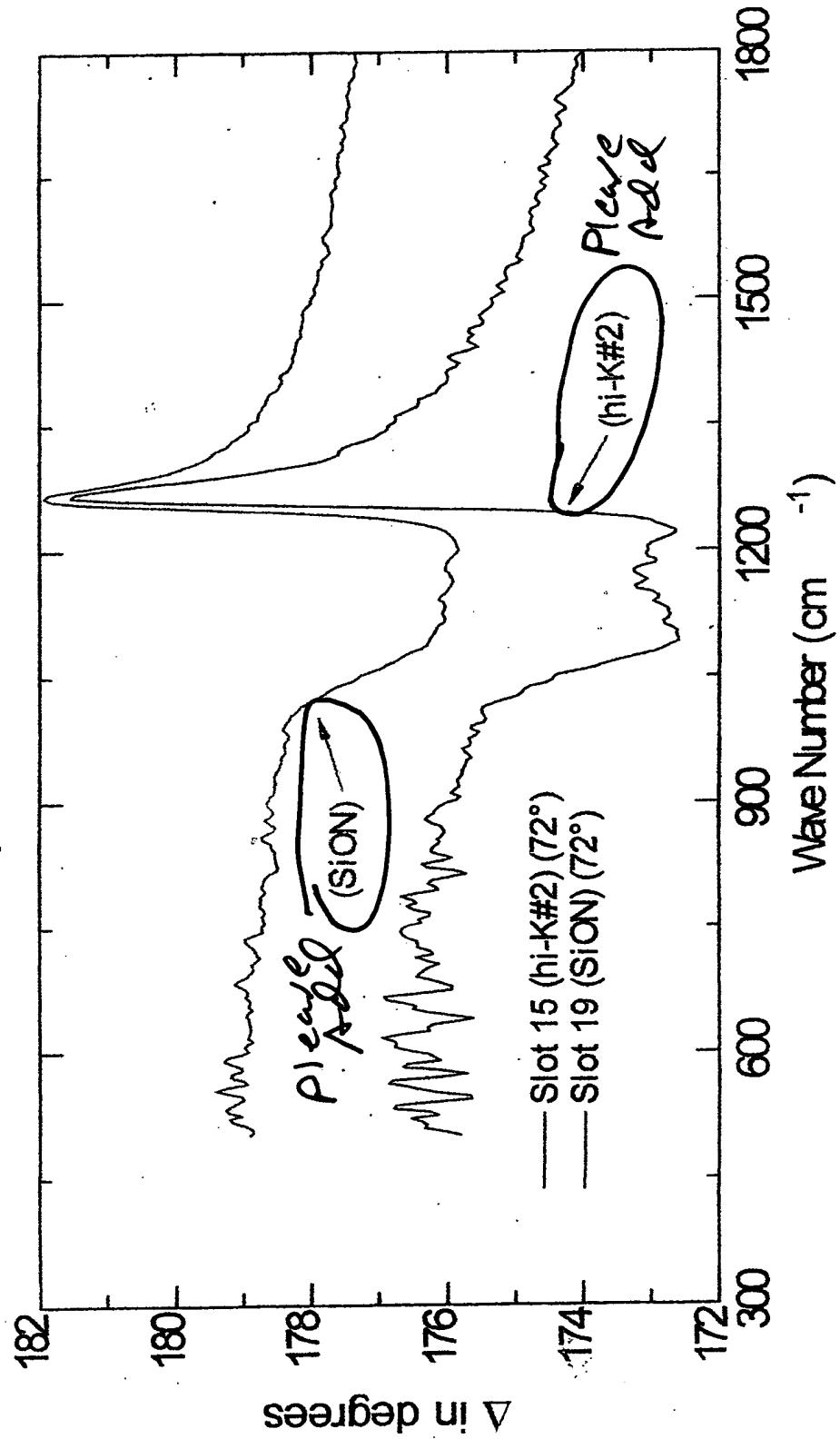


FIG. 2

Ellipsometric Sensitivity for 10Å a-Si Film

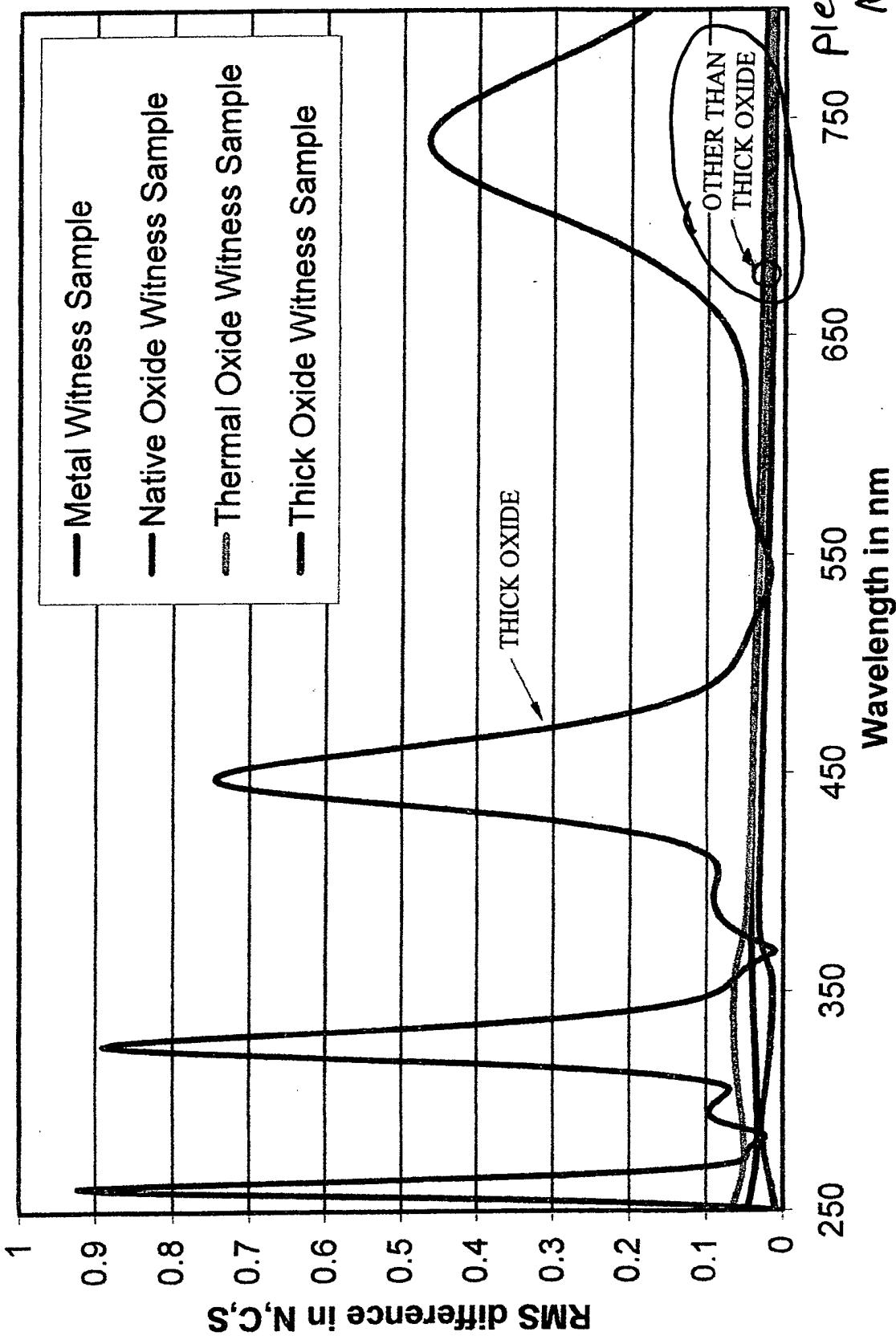


FIG. 9

Ellipsometric Sensitivity for 10Å a-Carbon Film

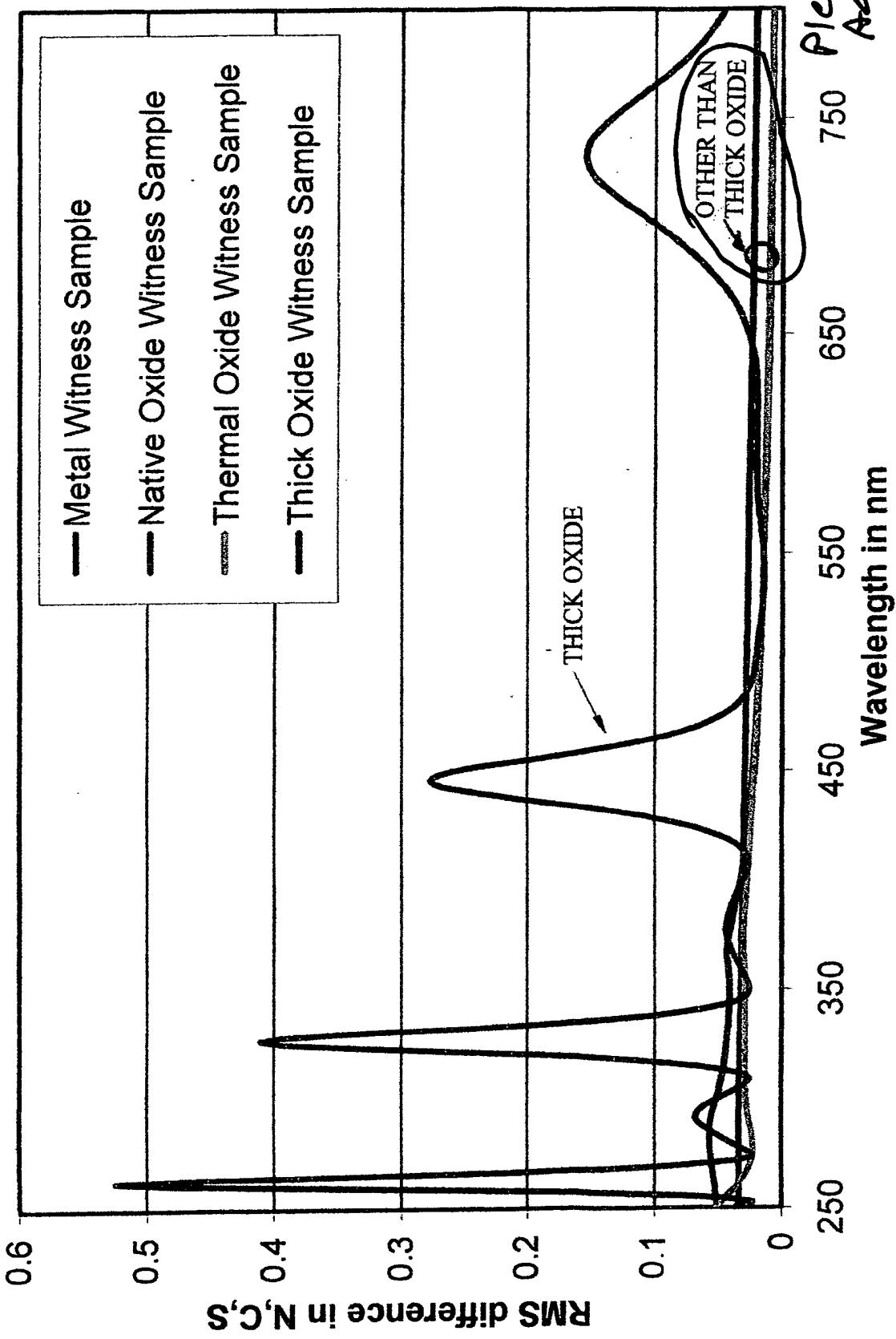
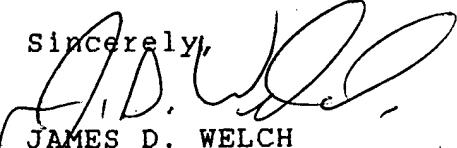


FIG. 10

Applicant now believes that the Examiner identified problems are overcome and therefore respectfully requests Allowance of Claims 8 and 12 - 19.

Sincerely,



JAMES D. WELCH

JW/hs

ENC. NEW SET OF DRAWINGS, WITH AMENDMENTS REQUESTED TO FIGS. 1, 2, 9 AND 10.